Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Project Division Yelahanaka

Name of Work: Improvements of roads and drains at Thirumenahalli Lake road and Surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division

Modified Schedule - II

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
1	KSRRB 300-1 Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per	Cum	2714.72	226.04	Rupees Two Hundred Twenty Six And Paise Four Only
2	KSRRB M2100-10 Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days	Cum	371.72	5693.00	Rupees Five Thousand Six Hundred Ninety Three Only
3	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and	Tn	38.75	75943.33	Rupees Seventy Five Thousand Nine Hundred Forty Three And Paise Thirty Three Only
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300	Cum	646.03	7423.71	Rupees Seven Thousand Four Hundred Twenty Three And Paise Seventy
5	KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 cement mortar 1:6 KBS 5.1.13 (I No-5.6,P No-25,KPWD SR 2018-19)	Cum	84.41	5115.35	Rupees Five Thousand One Hundred Fifteen And Paise Thirty Five Only
6	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. (P.No-13,I No-4.6,KPWD SR 2018-19)	Cum	46.14	6034.69	Rupees Six Thousand Thirty Four And Paise Sixty Nine Only
7	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting,	Nos	2628.00	454.10	Rupees Four Hundred Fifty Four And Paise Ten Only
8	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. (P.No-180,I No-24.1,KPWD SR 2018-19)	Sqm	413.91	89.04	Rupees Eighty Nine And Paise Four Only
9	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting including form	Sqm	1756.35	245.85	Rupees Two Hundred Forty Five And Paise Eighty Five Only

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	[illegible] and laying pre cast cohering slab [illegible] thick over out of CC 1:2:4 and jelly 40mm (5mm size with steel reinforcement including form work curing including cost of all materials, labour, hire charges of machinery, loading unloading, lead and lift transportation etc complete As per Engineer incharge KPWD SR 2018-19	Sqm	147.87	6668.00	Rupees Five Thousand Six Hundred Eighty Eight And Paise Ninety Only
11	Supplying PVC ring tight joint confirming to IS 4985 (2000) with latest amendments and conveying to work site rolling and lowering into trenches laying true line level and prefect	Mtr	249.50	138.10	Rupees One Hundred Twenty Eight And Paise Ten Only
12	KSRRB M400-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 8km lead= (I No 19.14.P [illegible]	Cum	1670.04	67.14	Rupees Sixty Seven And Paise Fourteen Only
13	KSRRB 500-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, NOM complete as per	Sqm	5586.61	6.68	Rupees Six And Paise Sixty Eight Only
14	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a	Cum	558.29	2094.67	Rupees Two Thousand Ninety Four And Paise Sixty Seven Only
15	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre	Cum	473.90	2101.34	Rupees Two Thousand One Hundred One And Paise Thirty Four Only
16	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6,KPWD SR 2018-19)Issue rate Dated -01-07-2020	Sqm	2106.23	31.16	Rupees Thirty One And Paise Sixteen Only
17	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with	Sqm	2106.23	13.36	Rupees Thirteen And Paise Thirty Six Only
18	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications	Cum	105.31	6728.09	Rupees Six Thousand Seven Hundred Twenty Eight And Paise Nine Only
19	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading premixed with bituminous binder and filler, transporting the	Cum	84.25	7914.54	Rupees Seven Thousand Nine Hundred Fourteen And Paise Fifty Four Only
20	KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement	Cum	520.91	4079.19	Rupees Four Thousand Seventy Nine And Paise Fifteen Only

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...ment concrete pavement Construction of un-reinforced ...ain cement concrete pavement, Thickness as per design, ...on a prepared sub base with 53 grade cement or any other ...ype as per clause 1501.2.2 M30 (Grade) coarse and fine	Cum	520.91	5469.34	Rupees Five Thousand Four Hundred Sixty Nine And Paise Thirty Four Only
KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass	Sqm	70.30	454.00	Rupees Four Hundred Fifty Four Only

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